

SOIL CLASS: 323 - PER HISS MAPPING
SOURCE: APPROVED SUBDIVISION PLANS
EQUIVALENT=38 ELDRIDGE PER SCS SOIL SURVEY

APPROVED
BENCH MARKS: DATUM = SUBDIVISION PLANS
#1 SET HUB ELEV 84.85
#2 FND NAIL 2.5' UP, MULTIPLE MAPLE EL 91.20
#3 FND PK NAIL IN GRANITE BND EL 88.66
#4 SET PK NAIL NEAR EDGE PAVE EL 85.68

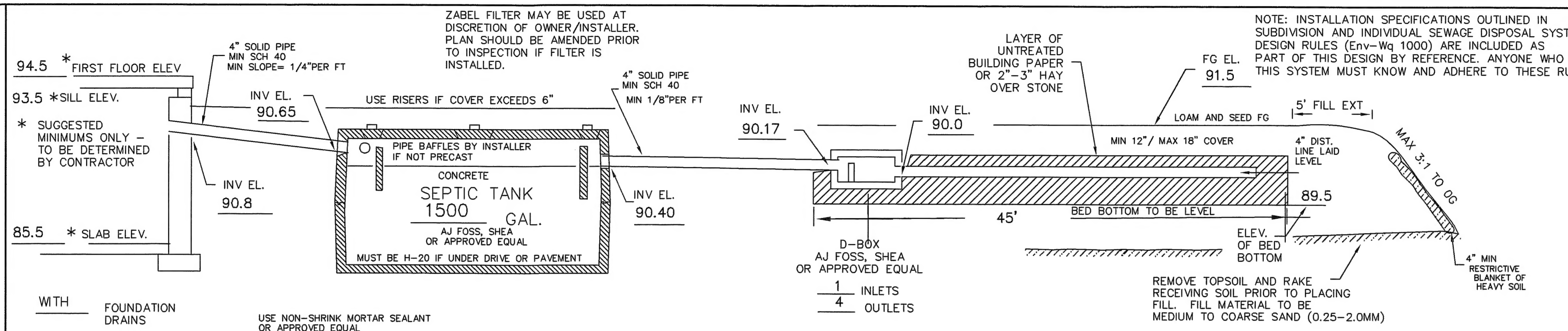
DESIGN INTENT:
1. THE BOTTOM OF THE EFFLUENT DISPOSAL SYSTEM SHALL BE CONSTRUCTED AT ELEVATION 89.5
2. THERE IS/ARE APPROX 1.6' ET ABOVE ORIGINAL GROUND ON THE HIGH CONTOUR THE DESIGNED EDS. (EL 87.9)

SUITABLE REPLACEMENT AREA:
SYSTEM MUST BE REBUILT IN PLACE OR REDESIGNED.

LEGEND:
-50- - EXISTING 2' CONTOUR
-50- - EXISTING 1' CONTOUR
-(-50)- - PROPOSED CONTOUR
50.0 EXISTING SPOT ELEVATION
(50.0) PROPOSED SPOT ELEVATION

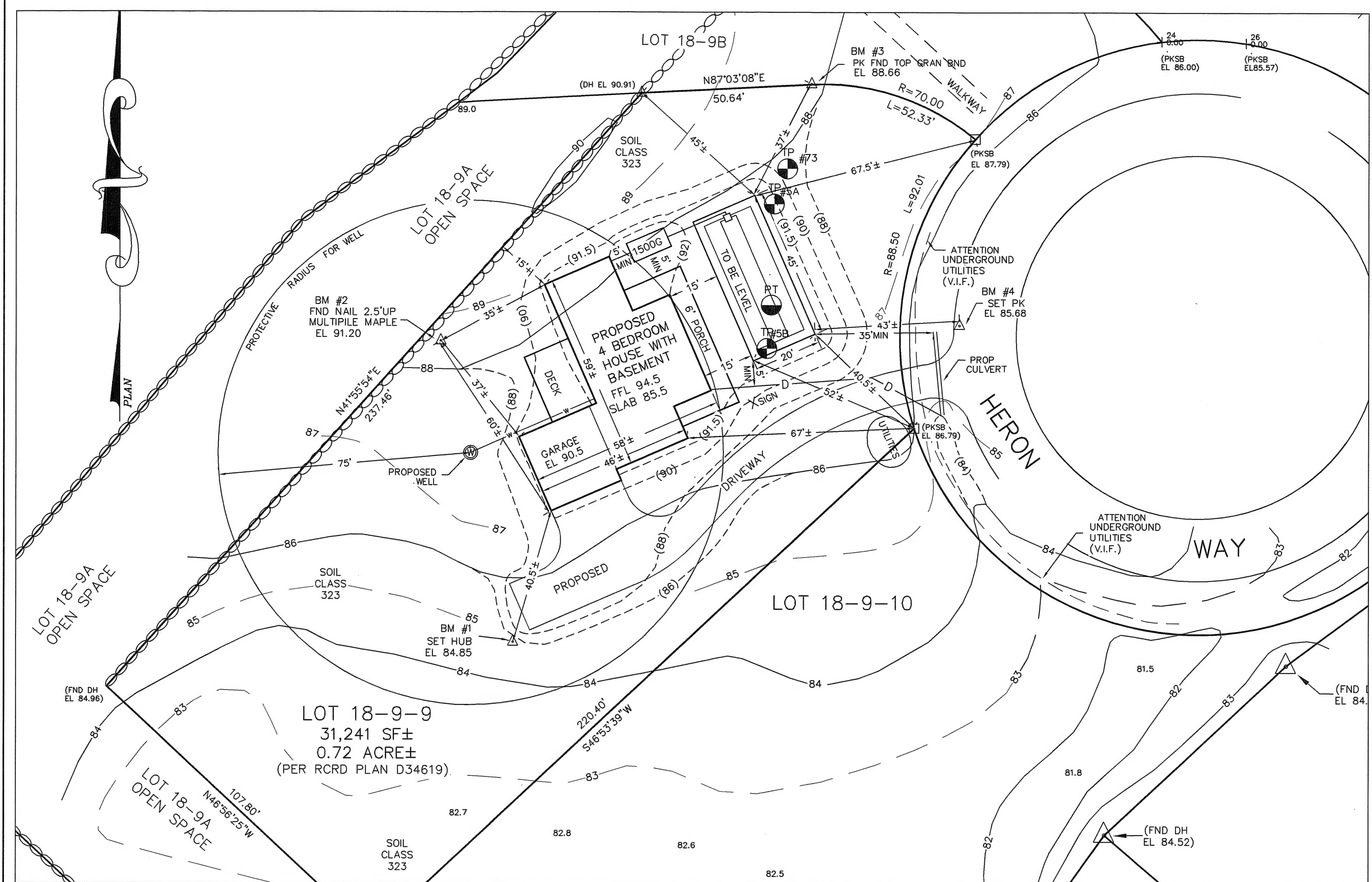
- NOTES:
1. THIS PLAN IS NOT TO BE CONSTRUED AS A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE APPROXIMATED BASED ON INFORMATION FROM THE FOLLOWING SOURCE:
APPROVED SUBDIVISION PLANS
RCRD PLAN D34619
 2. NHDES-WS&PCD SUBDIVISION APPROVAL NUMBER:
SA2007007868
 3. THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL, JACUZZI BATH, OR SEWAGE EJECTOR PUMP WASTE. BACKWASH FROM WATER SOFTENER SYSTEMS SHOULD BE DISCHARGED TO A SEPARATE DRYWELL.
 4. a) NO WATER BODY WITHIN 100' OF
b) NO WELLS WITHIN 75' OF
c) NO HYDRIC B SOILS WITHIN 50' OF PROPOSED SYSTEM
d) NO HYDRIC A SOILS WITHIN 75' OF SYSTEM
 5. DESIGNER MUST BE CONSULTED FOR ANY PROPOSED CHANGES OR FOR ANY ERRORS, DISCREPANCIES, OR CONFLICTS DISCOVERED DURING SYSTEM INSTALLATION.
 6. REFERENCE RCRD 4809-1608 (RESTRICTIVE COVENANTS, ETC.) AND RCRD 4809-1625 (HOMEOWNER ASSOCIATION BY-LAWS), WHICH ARE INCORPORATED AS PART OF THIS DESIGN BY REFERENCE.

PLOT PLAN
1"=APPROX



CROSS SECTION DISPOSAL SYSTEM - NOT TO SCALE

PLAN : 1"=20'



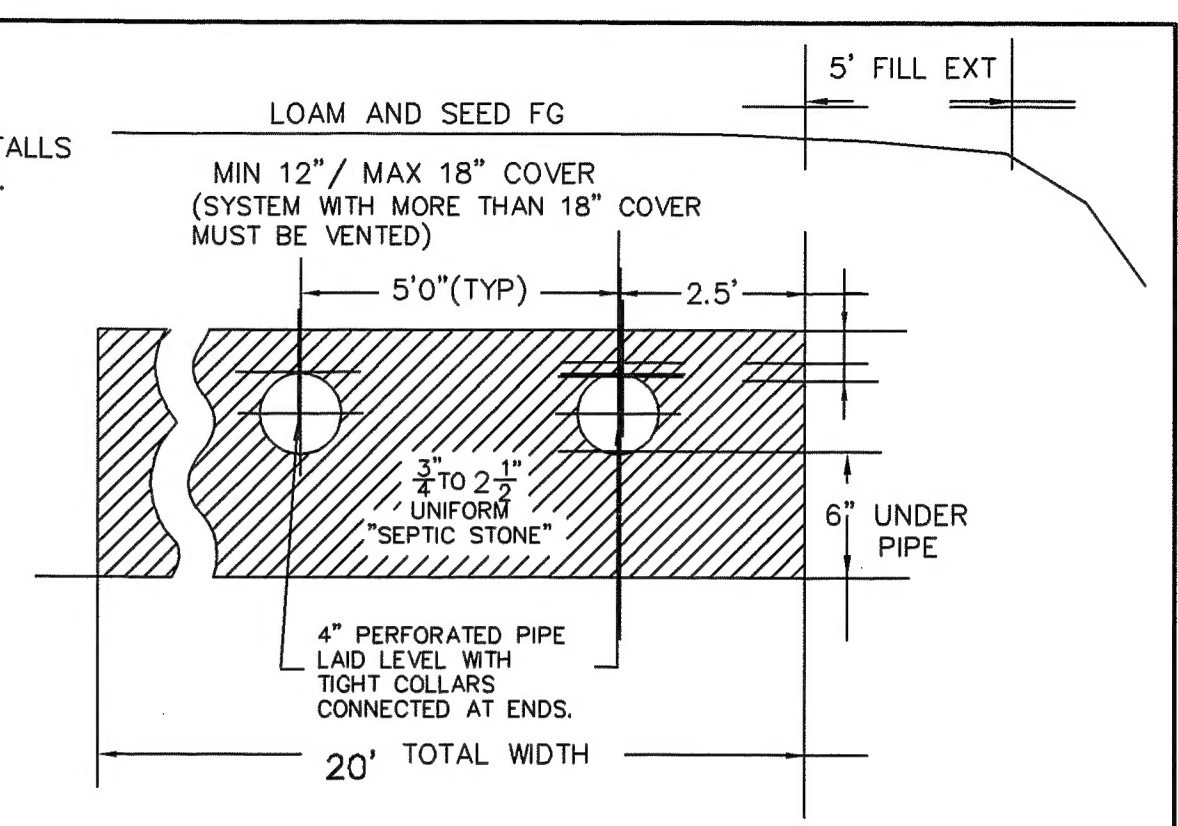
SYSTEM OWNER IS RESPONSIBLE FOR THE FOLLOWING OPERATING REQUIREMENTS

ENV-WS 1023.01 (a) SEPTIC TANKS SHALL BE INSPECTED FOR ACCUMULATION OF SLUDGE AND SURFACE SCUM AT LEAST ONCE EVERY YEAR.
(b) WHEN THE COMBINED THICKNESS OF SLUDGE AND SURFACE SCUM EQUAL 1/3 OR MORE OF THE TANK DEPTH, THE TANK SHALL BE PUMPED BY A LICENSED SEPTIC TANK PUMPER.

ENV-WS 1023.02 TO PREVENT OBSTRUCTION OF THE DISTRIBUTION LINES AND LEACH FIELD, GREASE AND BULKY WASTE SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV-WS 1023.03 TOXIC AND HAZARDOUS MATERIALS SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.
TO PREVENT DAMAGE TO THE DISTRIBUTION LINES AND LEACH FIELD, VEHICLES, LIVESTOCK, AND OTHER HEAVY OBJECTS SHALL NOT BE ALLOWED ON THE LEACH FIELD.

ENV-WS 1023.05 IF WET AREAS APPEAR ON THE GROUND SURFACE ABOVE THE DISTRIBUTION LINES OR LEACH FIELD OR IF DISAGREEABLE ODORS OCCUR, THE SYSTEM SHALL BE INSPECTED FOR THE SOURCE OF THESE PROBLEMS, AND CORRECTIVE ACTION SHALL BE TAKEN.



TEST PIT DATA	
DATE:	MARCH 27, 2008
TOWN INSPECTOR:	RICHARD BOND
TEST PIT #5A EL 87.8	
0 -12" TOPSOIL TO BE REMOVED	
10YR3/6 FINE SANDY LOAM, GRAN FRIABLE	
12-29" 10YR4/6 TO 5/6 FINE SANDY LOAM, GRAN FRIABLE	
29-48" 2.575/4 SILTY FINE SANDY LOAM, SOMEWHAT FIRM, MOTTLED	
ESHW @ 29", ROOTS TO 29"+, NO OBSERVED WATER, NO REFUSAL TO 80" PROVED BY ADJACENT PIT #73 BY EMMANUEL ENGINEERING FOR SUBDIVISION APPROVAL	
TEST PIT #5B EL 87.0	
0 -12" TOPSOIL TO BE REMOVED	
10YR3/6 FINE SANDY LOAM, GRAN FRIABLE	
12-24" 10YR4/6 TO 5/6 FINE SANDY LOAM, GRAN FRIABLE	
24-60" 2.575/4 SILTY FINE SANDY LOAM, SOMEWHAT FIRM, HEAVY MOTTLES, SOME WEATHERED ROCK FRAGMENTS	
ESHW @ 24", ROOTS TO 24"+, NO OBSERVED WATER, NO REFUSAL TO 60"	
PERC TEST DATA	
DATE	MARCH 27, 2008
PERC RATE:	6 MIN/IN DEPTH: 24"
DESIGN LOADING:	4 BEDROOMS
AREA REQUIRED:	900 SQUARE FEET
AREA PROPOSED:	20' X 45' = 900 SQ FT PROVIDED

PROPOSED
SEPTIC SYSTEM PLAN

LOCUS: #13 HERON WAY (LOT 18-9-9)
STRATHAM, NH

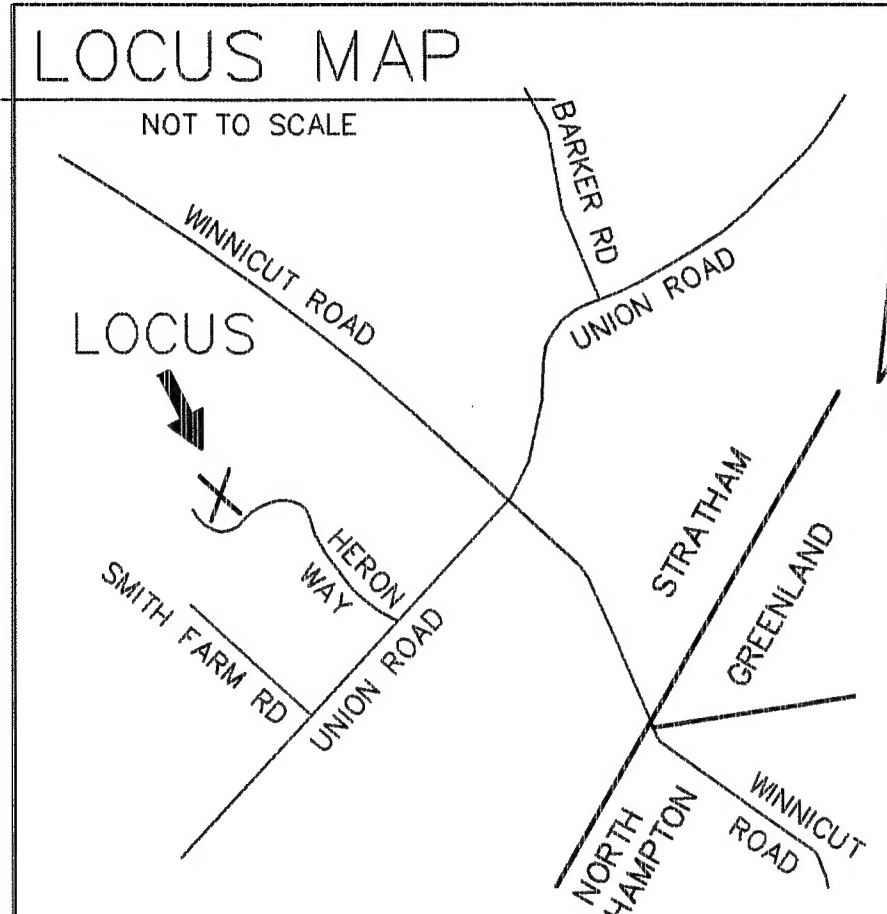
OWNER: ANDREW SILBERDICK
c/o CU BUILDERS, PO BOX 173
HAMPTON FALLS, NH 03844-0173

APPLICANT:
STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03843-1306
603 929-7404

DATE: APRIL 9, 2008

APPROVAL: CA2008092402

526#5



SOIL CLASS: 323 (H.I.S.S. MAPPING)

SOURCE: APPROVED SUBDIVISION PLANS
EQUIVALENT PER SCS MAPPING: 38 ELDRIDGE

BENCH MARKS: DATUM = APPROVED SUBDIVISION PLANS

#1 SET HUB ELEV 88.10
#2 SET HUB ELEV 87.45
#3 FOUND PK TOP STONE BOUND EL 85.57
#3 SET PK ELEV 82.97

DESIGN INTENT:

1. THE BOTTOM OF THE EFFLUENT DISPOSAL SYSTEM SHALL BE CONSTRUCTED AT ELEVATION 89.7
2. THERE IS/ARE APPROX 1.2 FT ABOVE ORIGINAL EL GROUND ON THE HIGH CONTOUR THE DESIGNED EDS 88.5 (EQUALS 1.6' ABOVE GRADE AT EL 88.1 (50%+ BED AREA DOWNSLOPE))

SUITABLE REPLACEMENT AREA:

SYSTEM MUST BE REBUILT IN PLACE OR REDESIGNED.

LEGEND:

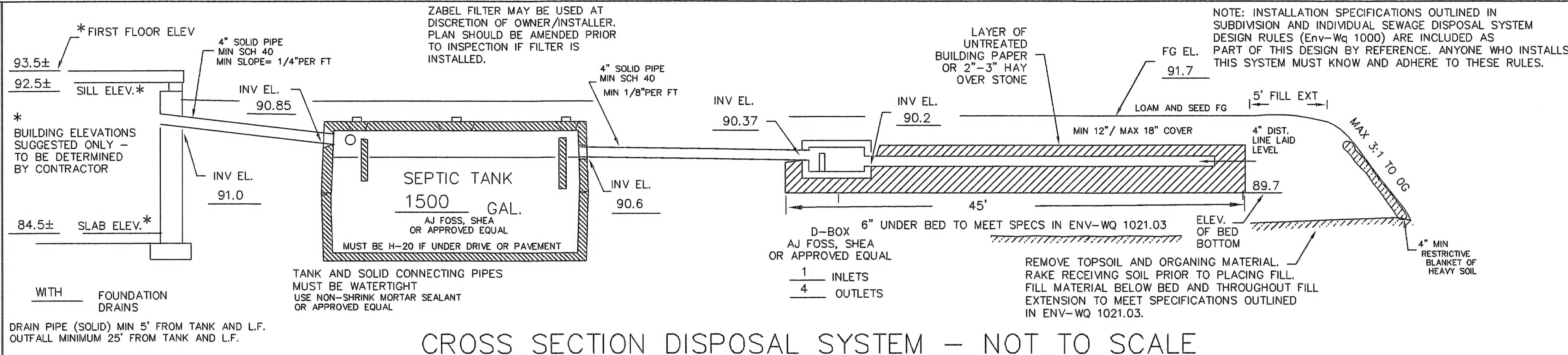
- 50' EXISTING CONTOUR
(50) PROPOSED CONTOUR
50.0 EXISTING SPOT ELEVATION
(50.0) PROPOSED SPOT ELEVATION

NOTES:

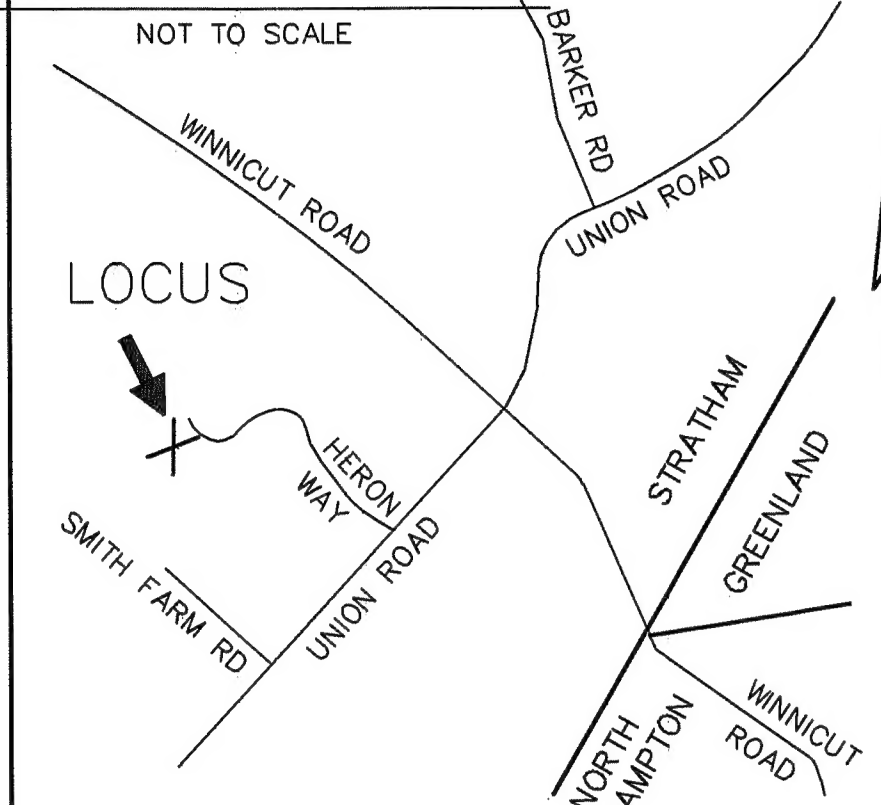
1. THIS PLAN IS NOT TO BE CONSTRUED AS A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE APPROXIMATED BASED ON INFORMATION FROM THE FOLLOWING SOURCE:
APPROVED SUBDIVISION PLANS
RCRD PLAN D34619
2. NHDES-WS&PCD SUBDIVISION APPROVAL NUMBER:
SA2007007868
3. THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL, JACUZZI BATH, OR SEWAGE EJECTOR PUMP WASTE. BACKWASH FROM WATER SOFTENER SYSTEMS SHOULD BE DISCHARGED TO A SEPARATE DRYWELL.
4. a) NO SURFACE WATER WITHIN 75' OF
b) NO WELLS WITHIN 75' PROPOSED
c) NO HYDRIC B SOILS WITHIN 75' SYSTEM
d) NO HYDRIC A SOILS WITHIN 75' SYSTEM
5. DESIGNER MUST BE CONSULTED FOR ANY PROPOSED CHANGES OR FOR ANY ERRORS, DISCREPANCIES, OR CONFLICTS DISCOVERED DURING SYSTEM INSTALLATION.
6. REFERENCE RCRD 4809-1608 (RESTRICTIVE COVENANTS, ETC.) AND RCRD 4809-1625 (HOMEOWNER ASSOCIATION BY-LAWS), WHICH ARE INCORPORATED AS PART OF THIS DESIGN BY REFERENCE.

PLOT PLAN

1"= APPROX



LOCUS MAP



SOIL CLASS: 323 (H.I.S.S. MAPPING)

SOURCE: APPROVED SUBDIVISION PLANS
EQUIVALENT PER SCS MAPPING: 38 ELDRIDGE

BENCH MARKS: DATUM = APPROVED SUBDIVISION PLANS

- #1 PK NAIL IN STONE BOUND EL 86.79
- #2 FOUND PK NAIL PAVEMENT EL 84.85
- #3 FOUND DRILL HOLE EL 84.52

DESIGN INTENT:

1. THE BOTTOM OF THE EFFLUENT DISPOSAL SYSTEM SHALL BE CONSTRUCTED AT ELEVATION 86.0
2. THERE IS/ARE APPROX. 1.8' FT ABOVE ORIGINAL GROUND ON THE HIGH CONTOUR THE DESIGNED EDS. EQUALS 2.0' ABOVE GRADE AT EL 84.0
- 54% OF BED AREA DOWNSLOPE.

SUITABLE REPLACEMENT AREA:

SYSTEM MUST BE REBUILT IN PLACE OR REDESIGNED.

LEGEND:

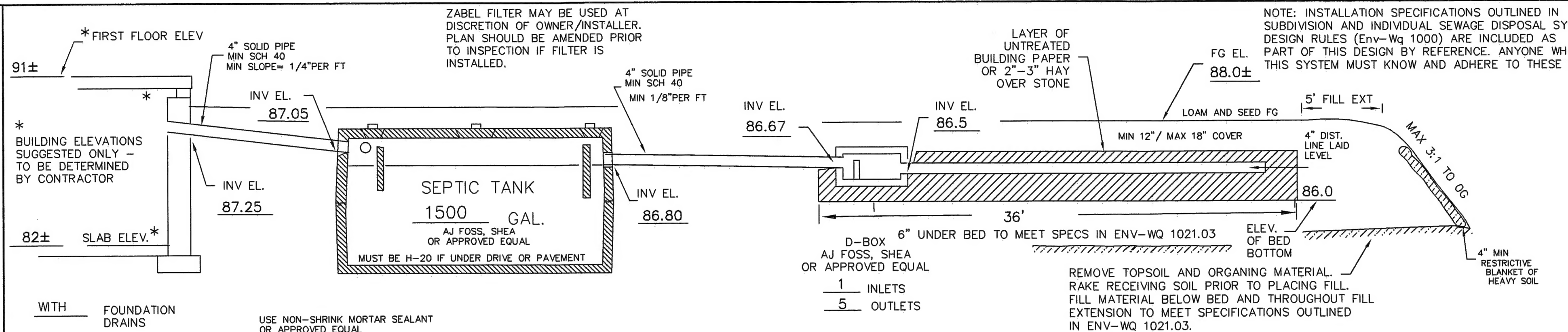
- 50.0 EXISTING CONTOUR
- (50.0) PROPOSED CONTOUR
- 50.0 EXISTING SPOT ELEVATION
- (50.0) PROPOSED SPOT ELEVATION

NOTES:

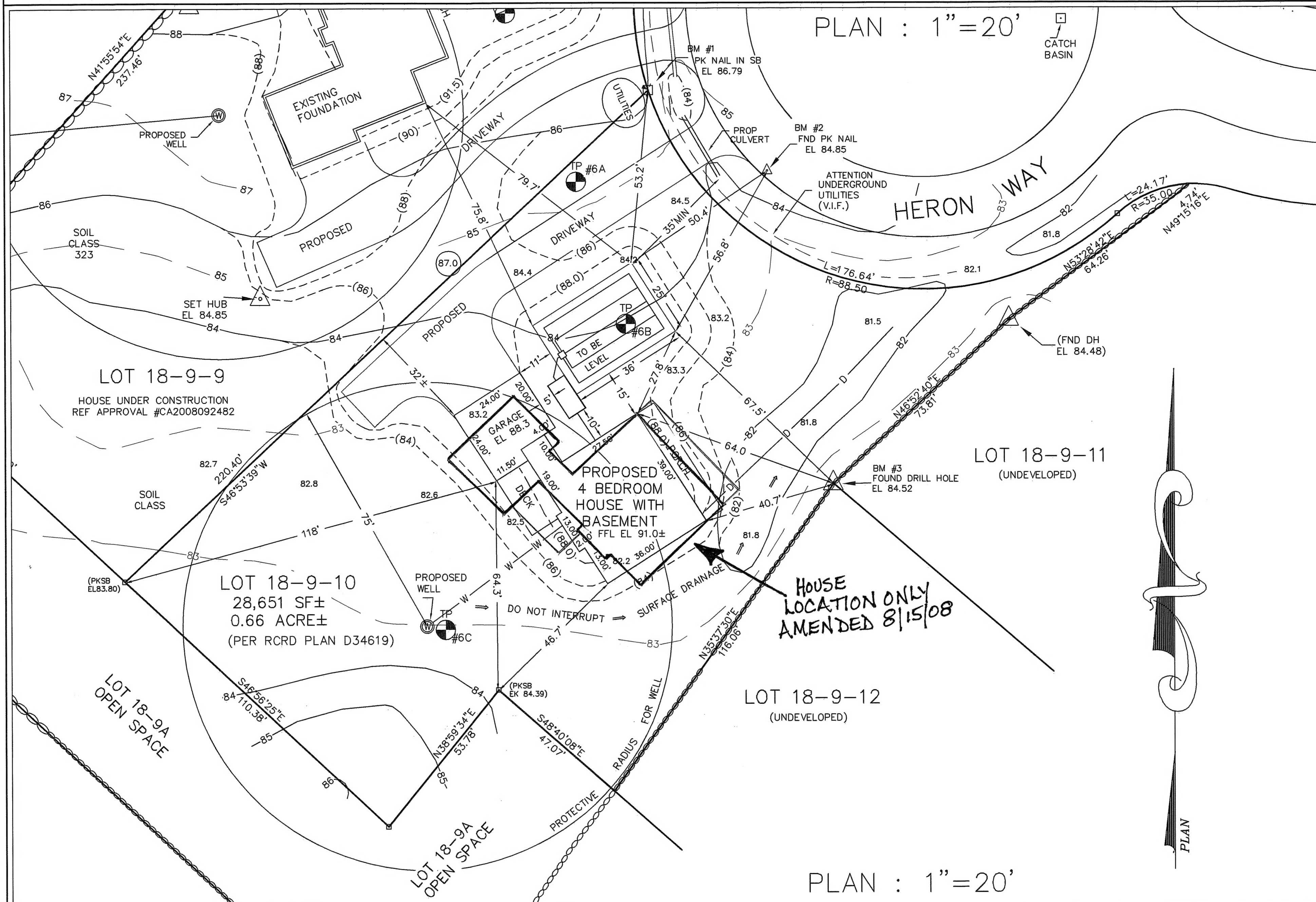
1. THIS PLAN IS NOT TO BE CONSTRUED AS A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE APPROXIMATED BASED ON INFORMATION FROM THE FOLLOWING SOURCE:
APPROVED SUBDIVISION PLANS
RCRD PLAN D34619
2. NHDES-WS&PCD SUBDIVISION APPROVAL NUMBER:
SA2007007868
3. THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL, JACUZZI BATH, OR SEWAGE EJECTOR PUMP WASTE. BACKWASH FROM WATER SOFTENER SYSTEMS SHOULD BE DISCHARGED TO A SEPARATE DRYWELL.
4. a) NO SURFACE WATER WITHIN 75' OF
b) NO WELLS WITHIN 75' PROPOSED
c) NO HYDRIC B SOILS WITHIN 75' SYSTEM
d) NO HYDRIC A SOILS WITHIN 75' PER APPROVED SUBDIVISION PLANS
5. DESIGNER MUST BE CONSULTED FOR ANY PROPOSED CHANGES OR FOR ANY ERRORS, DISCREPANCIES, OR CONFLICTS DISCOVERED DURING SYSTEM INSTALLATION.
6. REFERENCE RCRD 4809-1608 (RESTRICTIVE COVENANTS, ETC.) AND RCRD 4809-1625 (HOMEOWNER ASSOCIATION BY-LAWS), WHICH ARE INCORPORATED AS PART OF THIS DESIGN BY REFERENCE.

PLOT PLAN

1"=APPROX



CROSS SECTION DISPOSAL SYSTEM – NOT TO SCALE

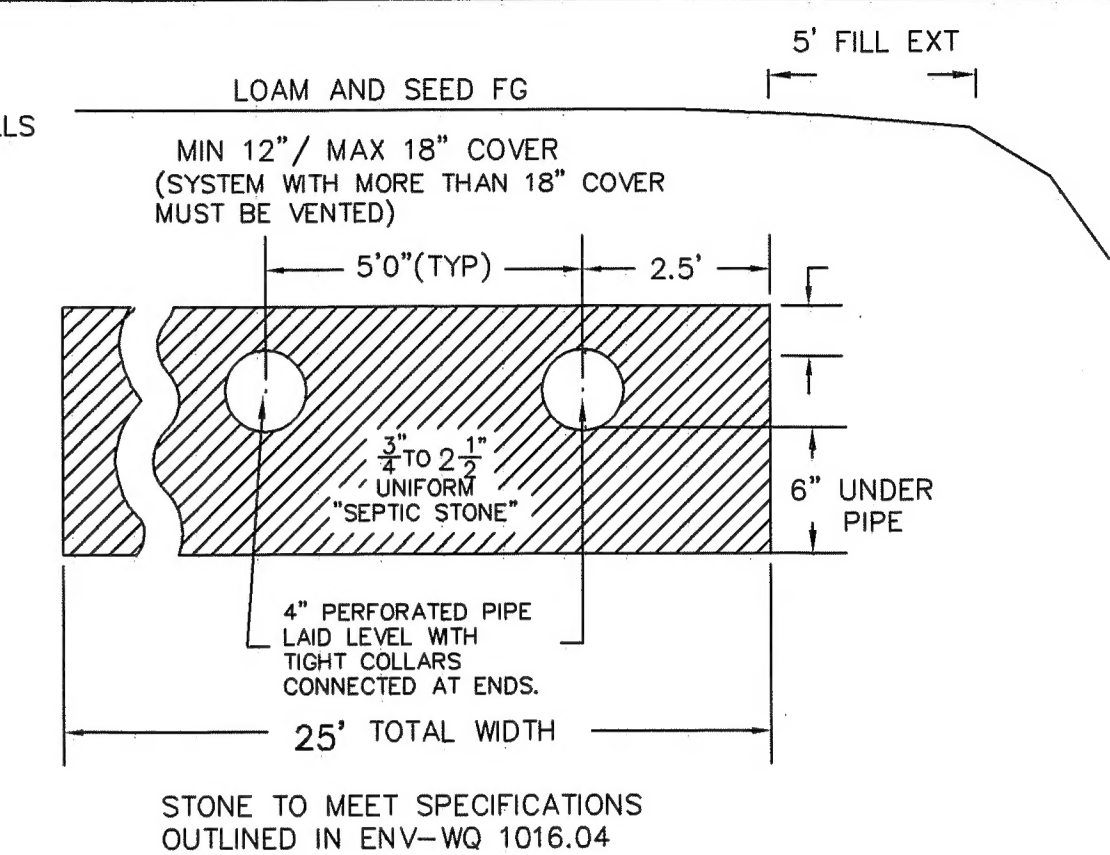


PLAN : 1"=20'

SYSTEM OWNER IS RESPONSIBLE FOR THE FOLLOWING OPERATING REQUIREMENTS

- ENV-WS 1023.01 (a) SEPTIC TANKS SHALL BE INSPECTED FOR ACCUMULATION OF SLUDGE AND SURFACE SCUM AT LEAST ONCE EVERY YEAR.
- (b) WHEN THE COMBINED THICKNESS OF SLUDGE AND SURFACE SCUM EQUAL 1/3 OR MORE OF THE TANK DEPTH, THE TANK SHALL BE PUMPED BY A LICENSED SEPTIC TANK PUMPER.
- ENV-WS 1023.02 TO PREVENT OBSTRUCTION OF THE DISTRIBUTION LINES AND LEACH FIELD, GREASE AND BULKY WASTE SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

- ENV-WS 1023.03 TOXIC AND HAZARDOUS MATERIALS SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.
- ENV-WS 1023.04 TO PREVENT DAMAGE TO THE DISTRIBUTION LINES AND LEACH FIELD, VEHICLES, LIVESTOCK, AND OTHER HEAVY OBJECTS SHALL NOT BE ALLOWED ON THE LEACH FIELD.
- ENV-WS 1023.05 IF WET AREAS APPEAR ON THE GROUND SURFACE ABOVE THE DISTRIBUTION LINES OR LEACH FIELD OR IF DISAGREEABLE ODORS OCCUR, THE SYSTEM SHALL BE INSPECTED FOR THE SOURCE OF THESE PROBLEMS, AND CORRECTIVE ACTION SHALL BE TAKEN.



TEST PIT DATA

DATE: 03/27/08
TOWN INSPECTOR: RICHARD BOND

TEST PIT #6A EL 85.2

- 0 -12" 10YR3/6 FINE SANDY LOAM, GRANULAR FRIABLE
- 12-24" 10YR 4/6 TO 5/6 FINE SANDY LOAM, GRAN FRIABLE
- 24-60" 2.5Y5/4 FINE SANDY LOAM WITH SOME SILTS, SOME WEATHERED ROCK FRAGMENTS. HEAVY MOTTLES, SOMEWHAT FIRM, RESTRICTIVE

ESHW @ 24", ROOTS TO 24", NO OBSERVED WATER, NO REFUSAL.

TEST PIT #6B EL 84.0

- 0 -12" 10YR3/6 FINE SANDY LOAM, GRANULAR FRIABLE
- 12-24" 10YR 4/6 TO 5/6 FINE SANDY LOAM, GRAN FRIABLE
- 24-60" 2.5Y5/4 SILTY FINE SANDY LOAM, INCREASING SILTS, FIRMER WITH DEPTH, RESTRICTIVE

ESHW @ 24", ROOTS TO 24", NO OBSERVED WATER, NO REFUSAL.

TEST PIT #6C EL 83±

SIMILAR TO 6B, ESHWT @28"

PERC TEST DATA

DATE 03/27/08
PERC RATE: EST 6 MIN/IN @ 24"
DESIGN LOADING: 4 BEDROOMS
AREA REQUIRED: 900 SQUARE FEET
AREA PROPOSED: 25' X 36' = 900 SQ FT PROVIDED

PROPOSED SEPTIC SYSTEM PLAN

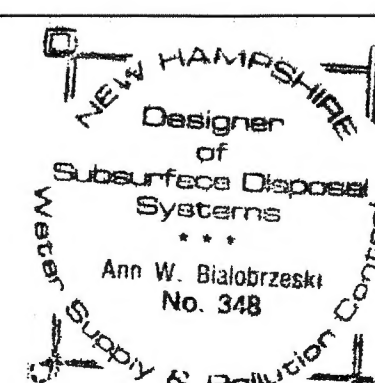
LOCUS: # 11 HERON WAY (MAP 18 LOT 9-10)

STRATHAM, NH

OWNER: WLFRED & CHRISTINE HOWARTH

c/o CU BUILDERS, PO BOX 173

HAMPTON FALLS, NH 03844-0173



APPLICANT:
STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03843-1306
603 929-7404

DATE: 06/06/08
AMENDED 08/15/08 HOUSE ONLY
APPROVAL: CA2008.093458

NOT TO SCALE

WINNICUT ROAD

BARKER RD

UNION ROAD

LOCUS

HERON WAY

SMITH FARM RD

STRATHAM

GREENLAND

NORTH HAMPTON

WINNICUT ROAD

#1 FOUND DRILL HOLE ELEV 84.48

#2 SET NAIL 6" HICKORY ELEV 85.34

#3 SET NAIL 6" HICKORY ELEV 87.41

1. THE BOTTOM OF THE EFFLUENT DISPOSAL SYSTEM SHALL BE CONSTRUCTED AT ELEVATION 85.9

2. THERE IS/ARE APPROX 0.0 FT ABOVE ORIGINAL GROUND ON THE HIGH CONTOUR THE DESIGNED EDS. EQUALS 1.0' ABOVE GRADE AT EL 84.9
60%+ OF BED AREA DOWNSLOPE.

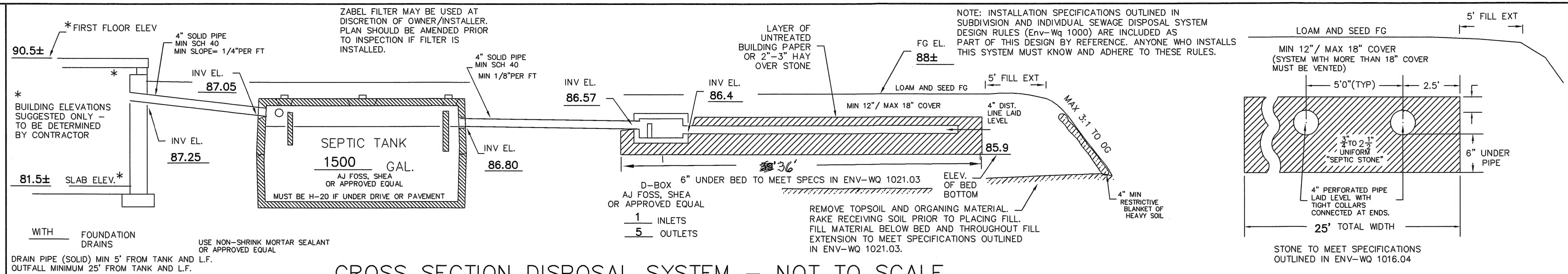
SYSTEM MUST BE REBUILT IN PLACE OR REDESIGNED

LEGEND:

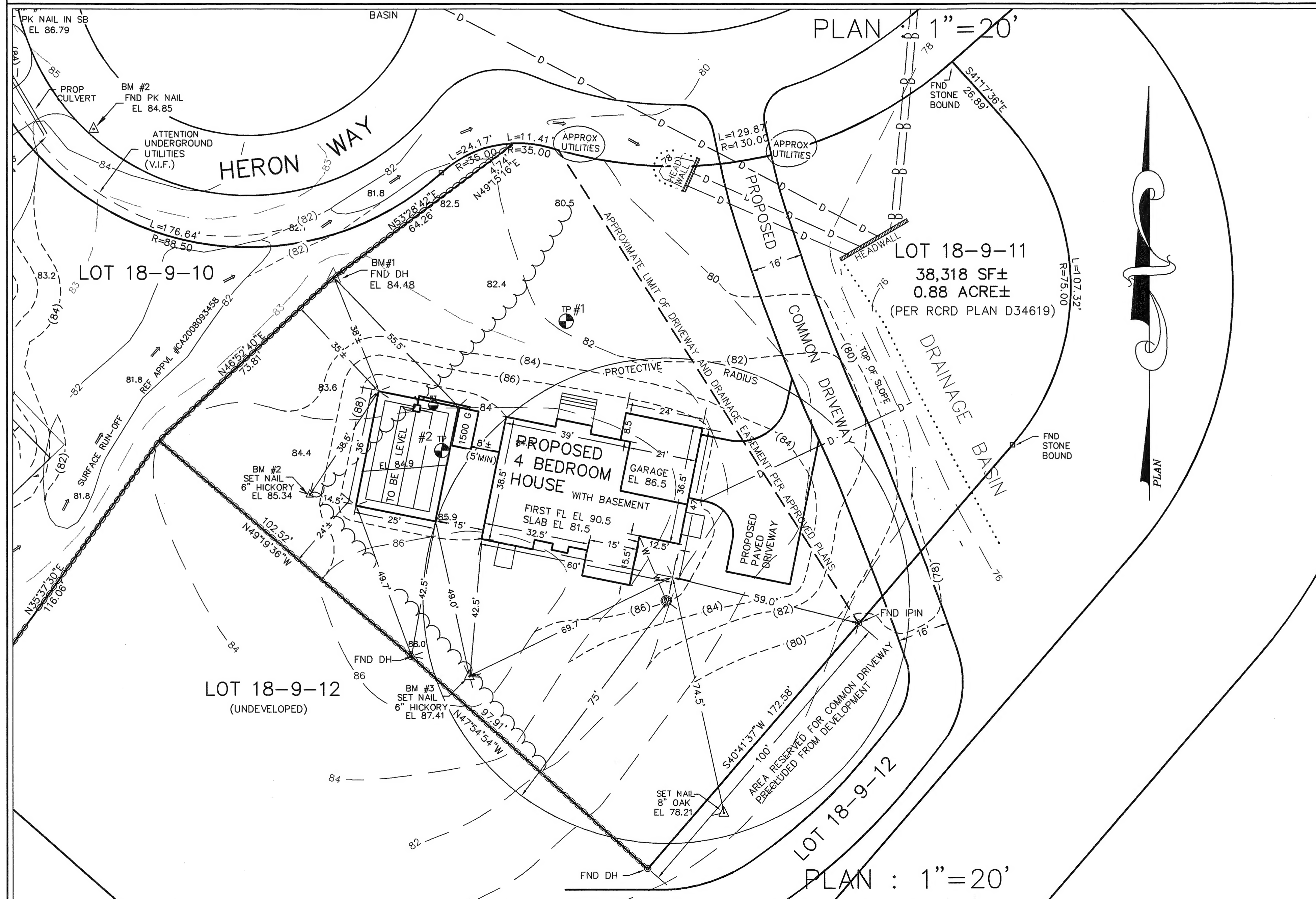
1. THIS PLAN IS NOT TO BE CONSTRUED AS A
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FROM THE FOLLOWING SOURCE:
APPROVED SUBDIVISION PLANS
RCRD PLAN D34619

2. NHDES - WS&PCD SUBDIVISION APPROVAL
NUMBER: SA2007007868
-
3. THIS SYSTEM IS NOT DESIGNED TO HANDLE
GARBAGE DISPOSAL, JACUZZI BATH, OR SEWAGE
EJECTOR PUMP WASTE.
BACKWASH FROM WATER SOFTENER SYSTEMS SHOULD
BE DISCHARGED TO A SEPARATE DRYWELL.
4. a) NO SURFACE WATER WITHIN 75' OF
b) NO WELLS WITHIN 75' PROPOSED
c) NO HYDRIC B SOILS WITHIN 75' SYSTEM
d) NO HYDRIC A SOILS WITHIN 75'
- PER APPROVED SUBDIVISION PLANS
5. DESIGNER MUST BE CONSULTED FOR ANY PROPOSED
CHANGES OR FOR ANY ERRORS, DISCREPANCIES, OR
CONFLICTS DISCOVERED DURING SYSTEM INSTALLATION
6. REFERENCE RCRD 4809-1608 (RESTRICTIVE
COVENANTS, ETC.) AND RCRD 4809-1625
(HOMEOWNER ASSOCIATION BY-LAWS), WHICH
ARE INCORPORATED AS PART OF THIS DESIGN
BY REFERENCE.

1"=APPROX



CROSS SECTION DISPOSAL SYSTEM – NOT TO SCALE



SYSTEM OWNER IS RESPONSIBLE FOR THE FOLLOWING OPERATING REQUIREMENTS

ENV-WS 1023.01 (a) SEPTIC TANKS SHALL BE INSPECTED FOR ACCUMULATION OF SLUDGE AND SURFACE SCUM AT LEAST ONCE EVERY YEAR.
(b) WHEN THE COMBINED THICKNESS OF SLUDGE AND SURFACE SCUM EQUAL 1/3 OR MORE OF THE TANK DEPTH, THE TANK SHALL BE PUMPED BY A LICENSED SEPTIC TANK PUMPER.

ENV-WS 1023.02 TO PREVENT OBSTRUCTION OF THE DISTRIBUTION LINES AND LEACH FIELD, GREASE AND BULKY WASTE SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV-WS 1023.03	TOXIC AND HAZARDOUS MATERIALS SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.
ENV-WS 1023.04	TO PREVENT DAMAGE TO THE DISTRIBUTION LINES AND LEACH FIELD, VEHICLES, LIVESTOCK, AND OTHER HEAVY OBJECTS SHALL NOT BE ALLOWED ON THE LEACH FIELD.
ENV-WS 1023.05	IF WET AREAS APPEAR ON THE GROUND SURFACE ABOVE THE DISTRIBUTION LINES OR LEACH FIELD OR IF DISAGREEABLE ODORS OCCUR THE SYSTEM SHALL BE INSPECTED FOR THE SOURCE OF THESE PROBLEMS, AND CORRECTIVE ACTION SHALL BE TAKEN.

0 - 8"	10YR3/4 FINE SANDY LOAM, GRANULAR FRIABLE
8-27"	10YR 4/6 GRAVELLY FINE SANDY LOAM, GRAN FRIABLE
27-61"	2.5Y5/4 GRAVELLY FINE SANDY LOAM WITH SOME SILT SOME WEATHERED ROCK FRAGMENTS. HEAVY MOTTLE SOMEWHAT FIRM, RESTRICTIVE

ESHWT @ 27", ROOTS TO 36"+, NO OBSERVED WATER,
REFUSAL AT 61" ONE END OF PIT

0 -10"	10YR3/4 FINE SANDY LOAM, GRANULAR FRIABLE
10-36"	10YR 4/6 TO 5/6 GRAVELLY FINE SANDY LOAM, GR
36-62"	2.5Y5/4 GRAVELLY FINE SANDY LOAM, FIRM IN PL
	MOTTLED

ESHWT @ 36", ROOTS TO 36"+, NO OBSERVED WATER,
NO REFUSAL.

AREA PROPOSED: 30' X 30' = 900 SQ FT PROVIDED

HAMPTON FALLS, NH 03844-0173

APPLICANT:
CKTON SERVICES
BOX 1306
IPTON, NH 03843-1306
929-7404

DATE: 08/21/08

APPROVAL: CA2008094571

